



Australian Government

Assessment Requirements for MARB018 Implement vessel planned maintenance system

Release: 1

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Modification History

Release 1. New unit of competency.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least one occasion and include:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements and work practices
- determining and recommending the need for capital expenditure to replace plant and equipment
- developing effective planning documents
- developing maintenance strategies including establishing criteria for determining maintenance priorities, and planning and scheduling routine equipment and overhead maintenance to meet quality system requirements
- developing recordkeeping procedures to document maintenance costs, problems, priorities, solutions, schedules and completions
- ensuring currency of relevant legislative and regulatory knowledge
- establishing and monitoring performance targets for maintenance teams within performance planning and appraisal processes
- evaluating and recommending alternative maintenance policies and strategies including changes in work roles and responsive/preventative models for maintenance
- identifying and applying relevant WHS/OHS, regulatory and organisational requirements
- managing maintenance costs
- monitoring system performance
- using appropriate information technology and software when preparing reports and plans.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- cleaning materials, and methods of storage and handling of such materials
- computer applications and software suitable for developing a range of reports, plans and schedules
- cost elements in maintenance system costing and budgeting
- costs resulting from poor maintenance and the benefits of a preventative maintenance system
- health hazards associated with maintenance procedures
- impacts of poor maintenance on vessel, and on occupational and environmental safety
- maintenance issues related to vessel
- plant and equipment falling under scope of maintenance program
- relevant legislation and regulations, and industrial agreements
- types of lubrication, and lubricant storage and handling
- use and care of personal safety equipment.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Establishing and implementing a planned maintenance system on a vessel must be assessed in workplace operational situations. Where this is not available, in simulated workplace operational situations that replicate workplace conditions.

Resources for assessment include access to:

- relevant documentation including workplace procedures, regulations, codes of practice and operation manuals
- tools, equipment, materials, personnel and personal protective equipment that replicate and are currently used in industry.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>